

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 06618-414001	Application No. 09/496,137
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Steven Schkolne, et al.	
		Filing Date February 1, 2000	Group Art Unit 2673

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
PV	AC	Anderson et al., "Tangible Interaction + Graphical Interpretation: A New Approach to 3D Modeling," Proceedings of SIGGRAPH 2000, 393-402. ✓
	AD	Brody et al., "BLUI, a Body Language User Interface for 3d Gestural Drawing," SPIE Proceedings Vol 3644: Human Vision and Electronic Imaging IV, 1999. ✓
	AE	Cohen et al., "An Interface for Sketching 3D Curves," Brown University, Symposium on Interactive 3D Graphics, Atlanta GA 1-58113-082-1/00/04 1999 ✓
	AF	Deering, M. F., "HoloSketch: A Virtual Reality Sketching/Animation Tool," ACM Transactions on Computer-Human Interaction 2,3 (September 1995), 220-238 ✓
	AG	Edelsbrunner et al., "Three-Dimensional Alpha Shapes," 1992 Workshop on Volume Visualization (1992), 75-82. ✓
	AH	Fitzmaurice et al., "Bricks: Laying the Foundations for Graspable User Interfaces," Proceedings of CHI AMC Press, 1995 ✓
	AI	Galyean et al., "Sculpting: An interactive volumetric modeling technique," In Computer Graphics 'SIGGRAPH '91 Proceedings), T W. Soderberg, Ed., vol. 25, 267-274, July 1991. ✓
	AJ	Grimm et al., "Modeling Surfaces of Arbitrary Topology using Manifolds," In SIGGRAPH 95 Conference Proceedings, R. Cook, Ed., Annual Conference Series, 359-368, Aug. 1995. ✓
	AK	Han et al., "13DSketch: Modeling by Digitalizing with a Smart 3D Pen," In ACM Multimedia 1997, 41-49, 1997. ✓
	AL	Hinckley et al., "Cooperative Bimanual Action," University of Virginia, ACM CHI'97 Conference on Human Factors in Computing Systems 1997 ✓
	AM	Igarashi et al., "Teddy: A Sketching Interface for 3D Freeform Design," Proceedings of SIGGRAPH 99 (1999), 409-416. ✓
	AN	Keefe et al., "CavePainting: A Fully Immersive 3D Artistic Medium and Interactive Experience," Proceedings of the 2001 Symposium on Interactive 3D Graphics, 85-93. ✓
	AO	Kruger et al., "The Responsive Workbench: A Virtual Work Environment," IEEE Computer 28, 7 (July 1995), 42-48. ✓
	AP	Llamas et al., "Twister: A Space-Warp Operator for the Two-Handed Editing of 3D Shapes," Proceedings of Siggraph 2003. ✓
PV	AQ	McDonnell et al., "Virtual Clay: A Real-Time Sculpting System with Haptic Toolkits," 2001 Symposium on Interactive 3D Graphics, 179-190. ✓

Examiner Signature <i>P. Nguyen</i>	Date Considered <i>12/20/05</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Pv	AR	Ullmer et al., "The metaDESK: Models and Prototypes for Tangible User Interfaces," Proceedings of UIST '97, ACM 1997
	AS	Wang et al., "Volume Sculpting. In 1995 Symposium on Interactive 3D Graphics," P Hanrahan and J. Winget, Eds., 151-156, Apr. 1995
	AT	Wesche, Gerold, "The ToolFinger: Supporting Complex Direct Manipulation in Virtual Environments," Proceedings of the ACM/Eurographics Workshop on Virtual environments 2003, 39-45.
Pv	AU	Zelevnik et al., "An Interface for Sketching 3D Scenes," In SIGGRAPH 96 Conference Proceedings, H. Rushmeier, Ed., Annual Conference Series, 163-170, Aug. 1996.

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